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| | 6-0 | 4-7 | 8 - 15 | 16-18 | 19 - 31 |
|-----|---------|----------------|--|-------|-----------------|
| 0 | Version | Header Length | Type of Service (now DiffServ and ECN) | | Total Length |
| 32 | | Identification | ation | Flags | Fragment Offset |
| 64 | Tin | Time to Live | Protocol | Hea | Header Checksum |
| 96 | | | Source Address | | |
| 128 | | | Destination Address | | |
| 160 | | | Options | | |
| 192 | | | Data | | |

Figure 1: Header Format according to IPv4

(PRIOR ART)

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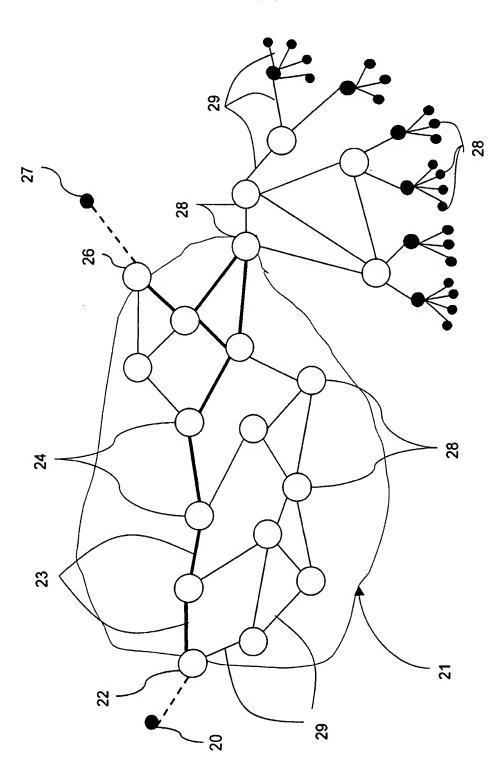


Figure 2: Representation of a Network